

Solving the Climate Challenge

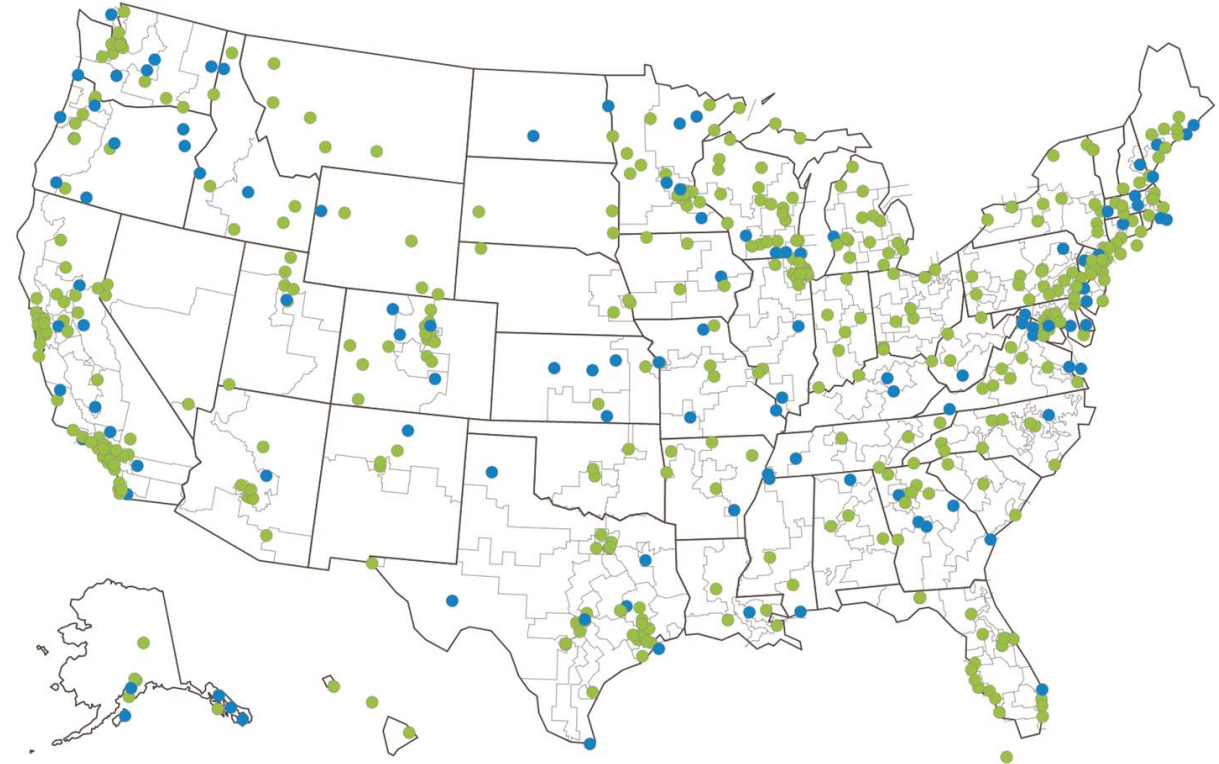
Helena Citizen
Conservation Board
Meeting

July 11, 2019



Chapter Development...

- CCL has over **500** chapters throughout the country
- More than **135,000** supporters in our network
- **Find training, support, resources, opportunities to act!**
- **Get inspired, connected and hopeful!**

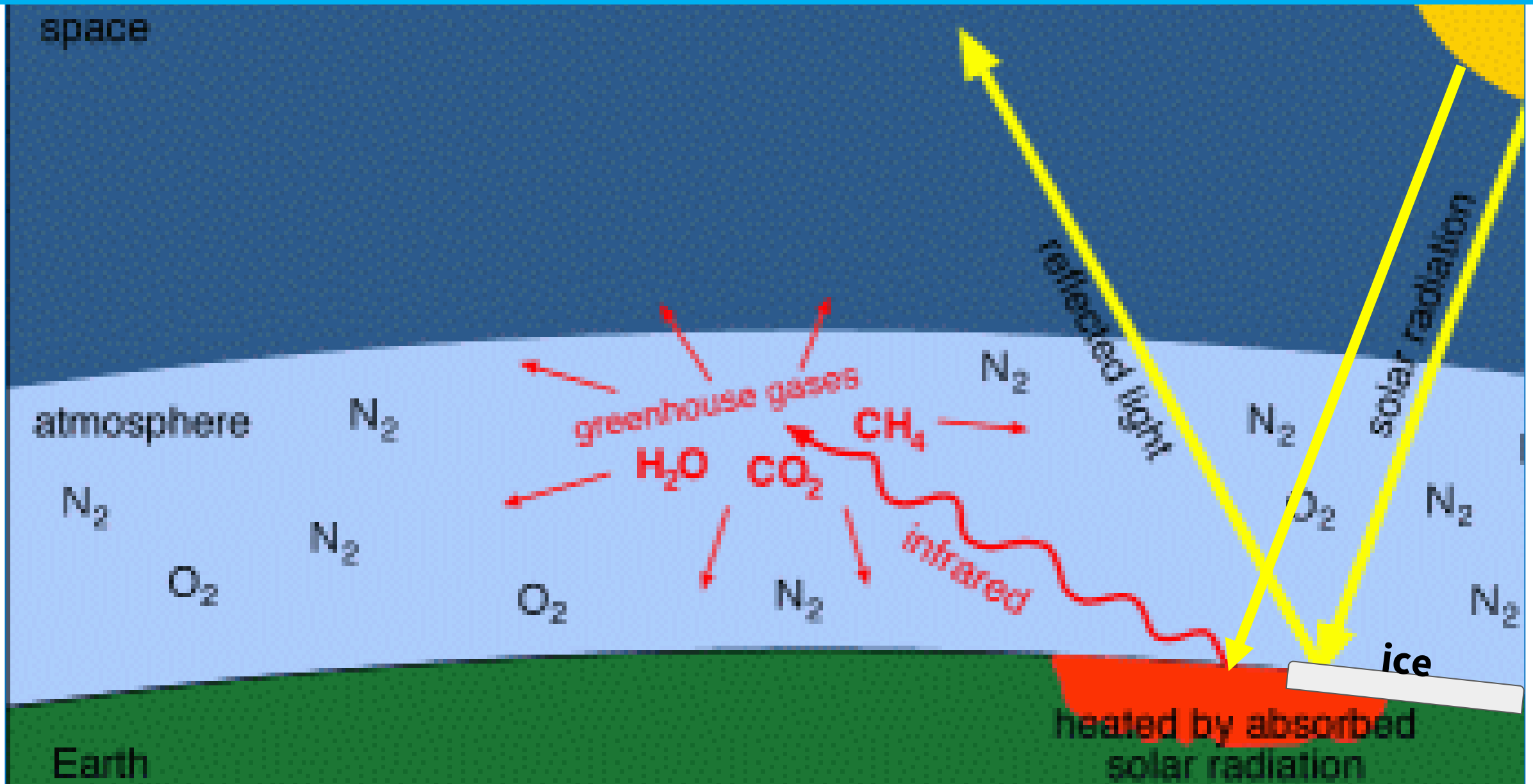


Chapters: ■ Active ■ In Progress

Common Values

- Accelerate transition to a clean energy economy
- Engage and empower citizens to take action
- Respond to the urgent threat of climate change

Infrared heating



If we do nothing **1000**

Predicted CO₂ Concentrations
in parts per million (PPM) molecules in
the atmosphere

Year
2100

675

Paris Agreement target

Today

410

Extreme weather starting now

2019



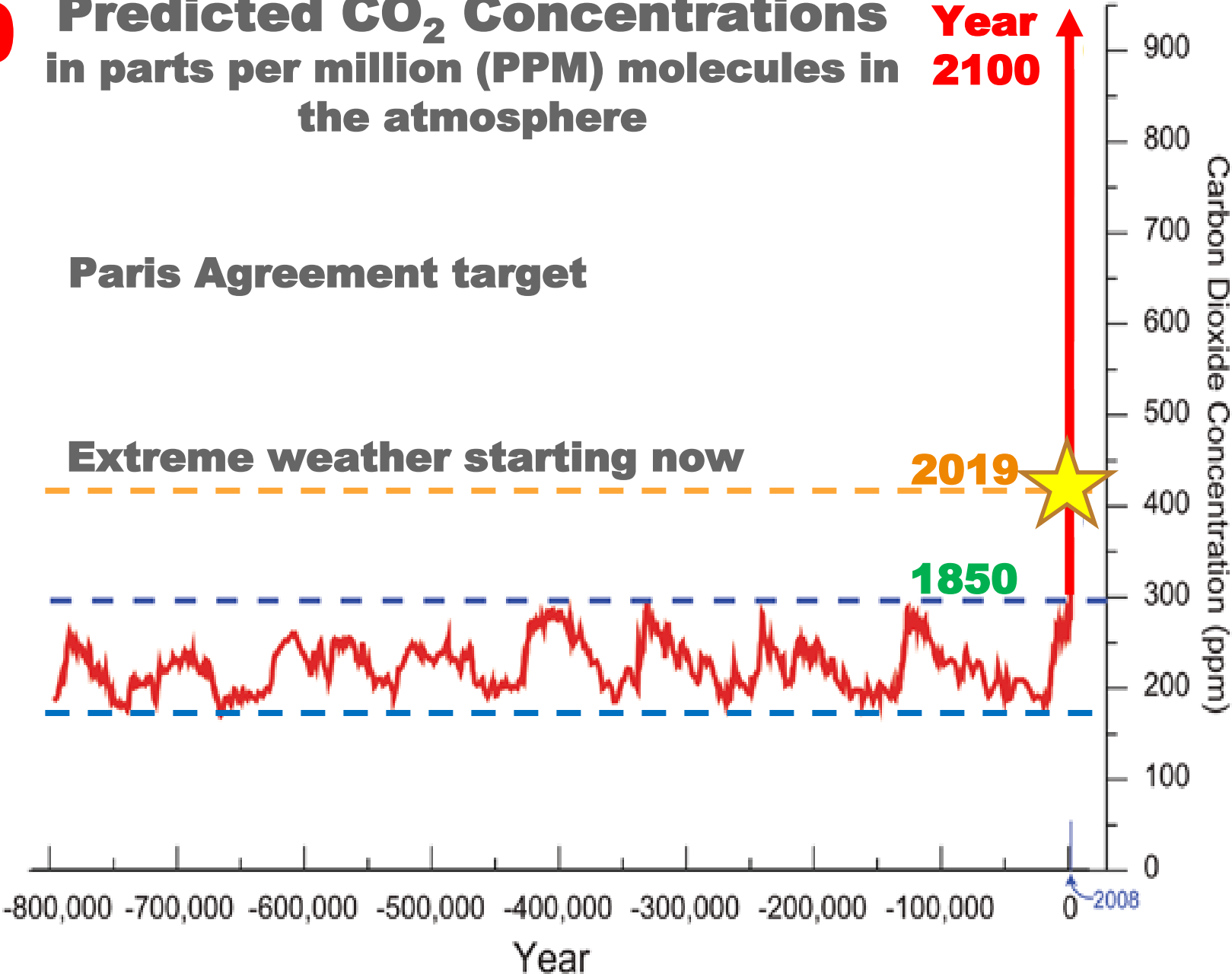
Inter-Glacial
Period

280

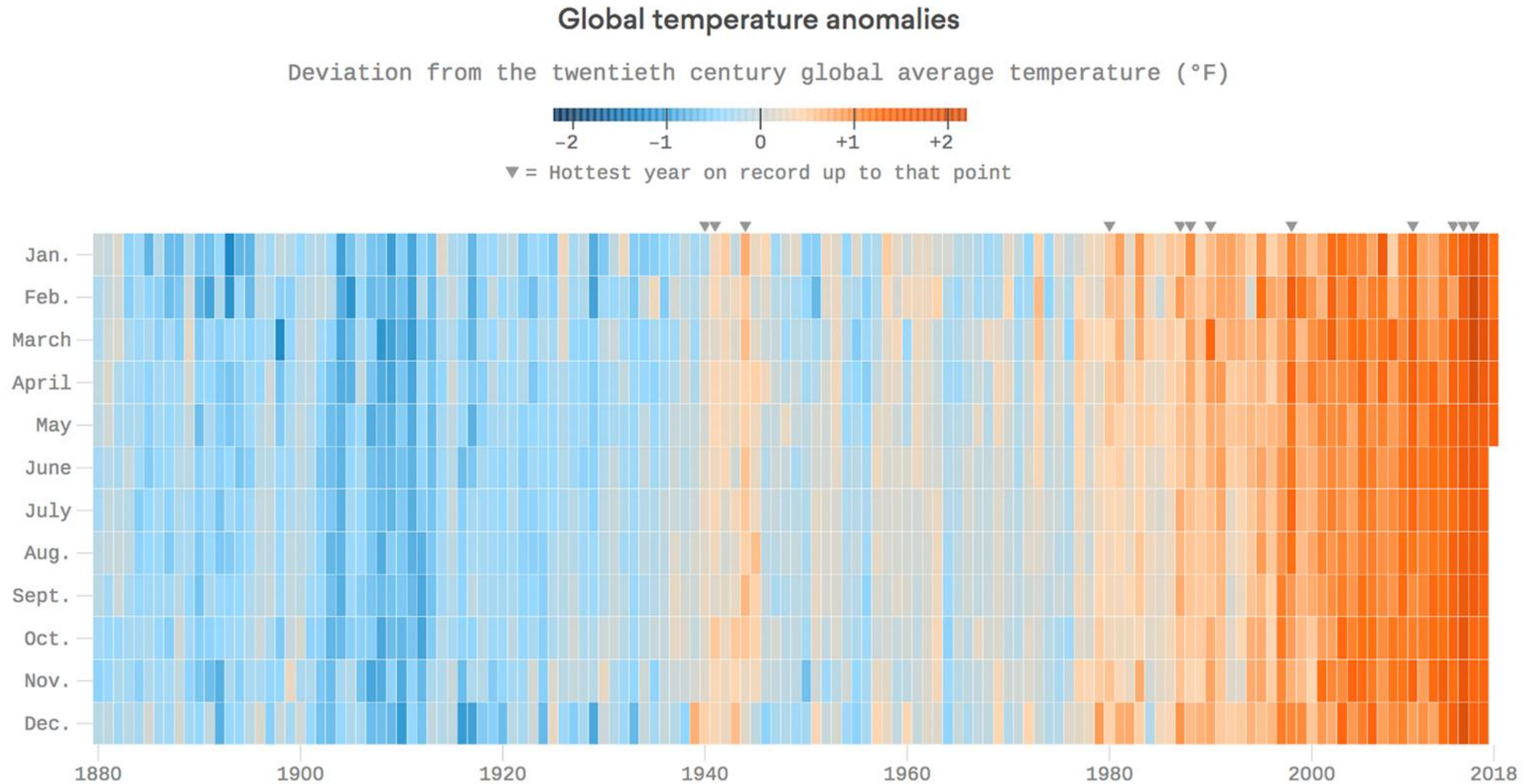
1850

Glacial
Period

180



More carbon leads to a warmer planet



What We're Up Against

**Less
Snowpack**



Warmer Air and Land

Drought



**More Intense
Fire**

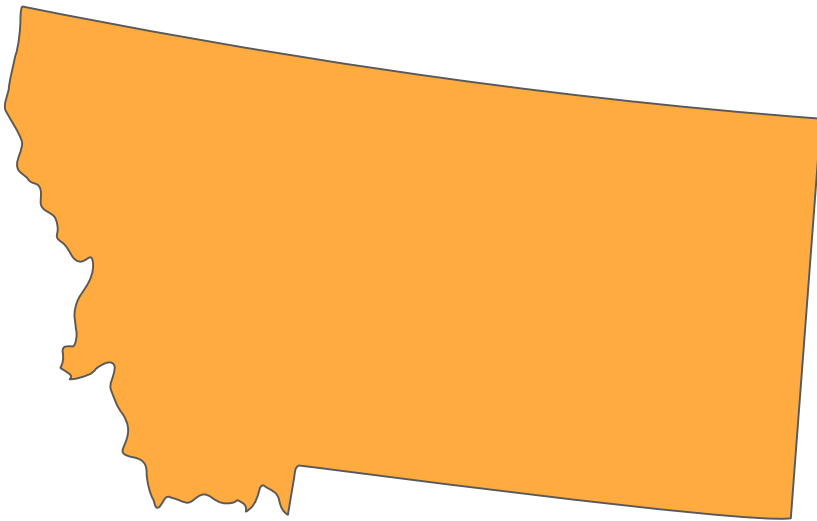


**Erratic
Jet Stream**



Climate Impacts on Montana

Local impacts of climate change from the 2017 Montana Climate Assessment



Flash Drought



More intense fires



Lower snowpack, early snow melt,
receding glaciers, winter rain



Pests (Beetle kill), weeds
(cheatgrass), parasites (fish kill)



Under current emissions rates,
Montana will warm an average of
almost 10°F by 2100

Wildfire: Costs of fighting 2017 fires in US topped \$2 billion, a new record.



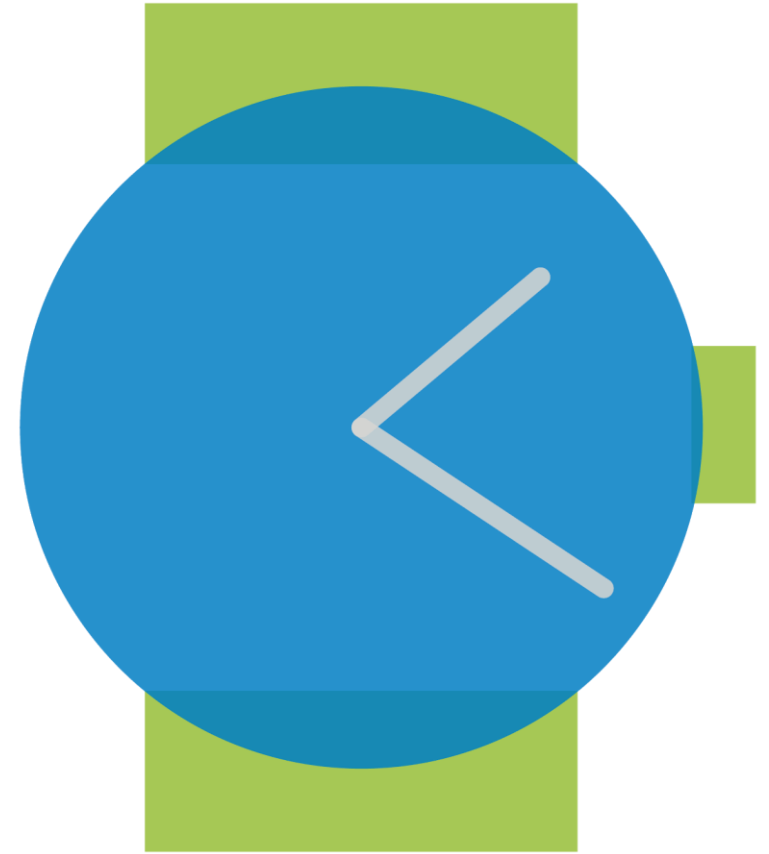
Health Costs: 105,000 premature deaths/year

Air pollution causes: –asthma – heart attacks – strokes – premature births – autism - schizophrenia



How Long Do We Have?

The IPCC reports we have **12 years** to cut global emissions **by 50%.**



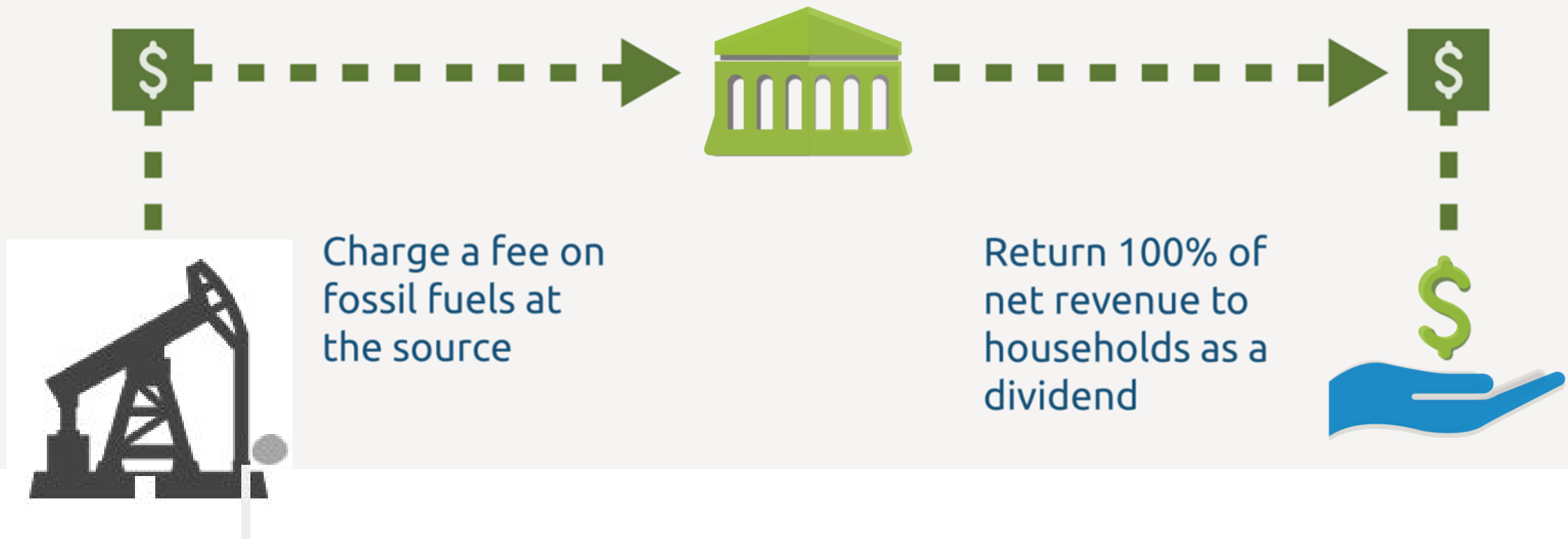
What Makes A Good Climate Solution?

- **Quickly stop CO2 emissions** from burning coal, oil, gas
- **Work on a large scale**
- **Use incentives to change behavior and encourage innovation**
- **Fair** Help people transition, don't burden the most vulnerable
- **Can pass Congress and stay in place**
- **Healthy for the economy**



Carbon Fee and Dividend Policy

Put a price on carbon and return the revenue to households

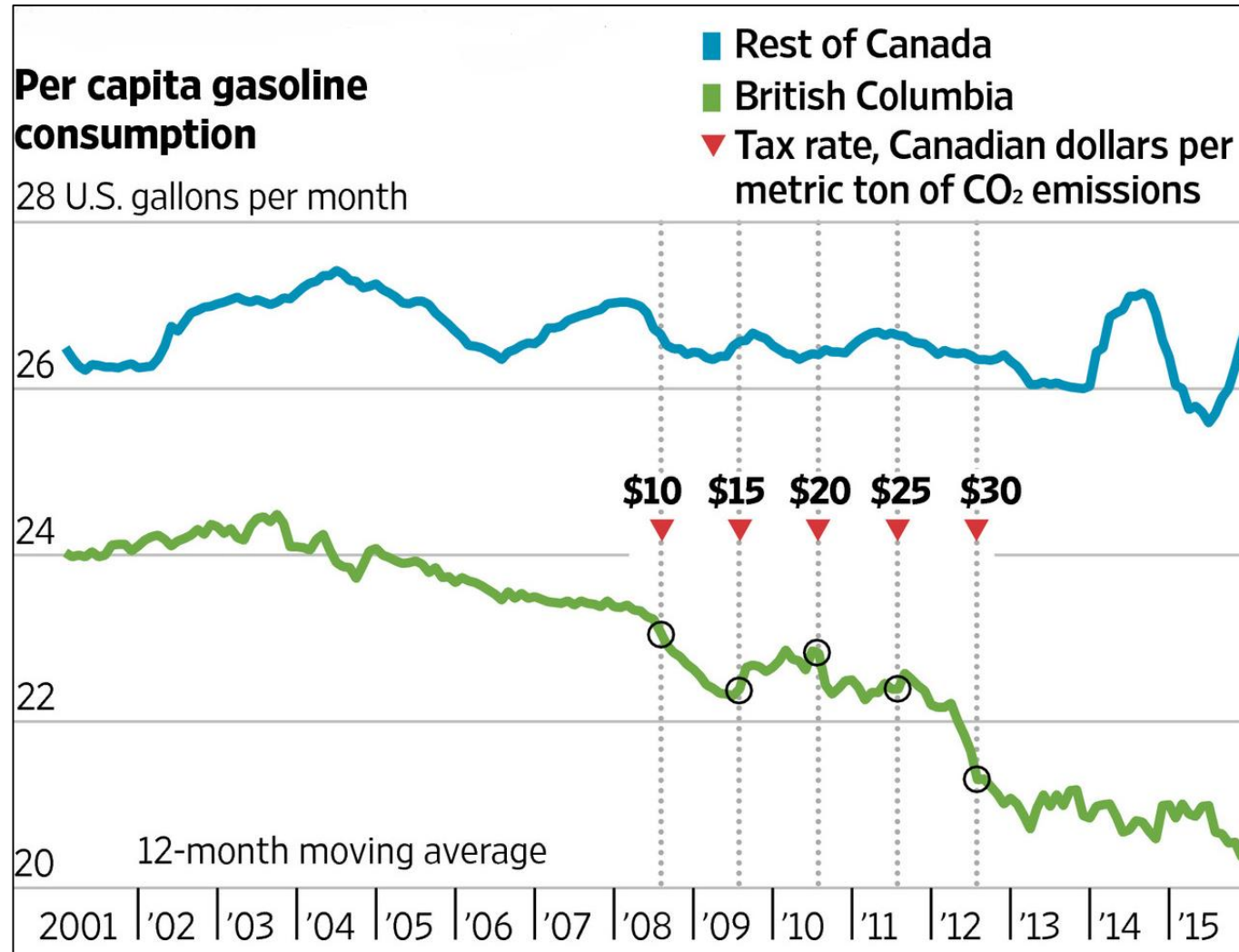


3500+ U.S. Economists say Carbon Fee and Dividend is Effective, Simple, and Comprehensive



4 Former Chairs of the Federal Reserve (All) 27 Nobel Laureates
15 Former Chairs of the Council of Economic Advisers

Proven Success in Canada



Energy Innovation AND Carbon Dividend Act

THE BIPARTISAN CLIMATE SOLUTION

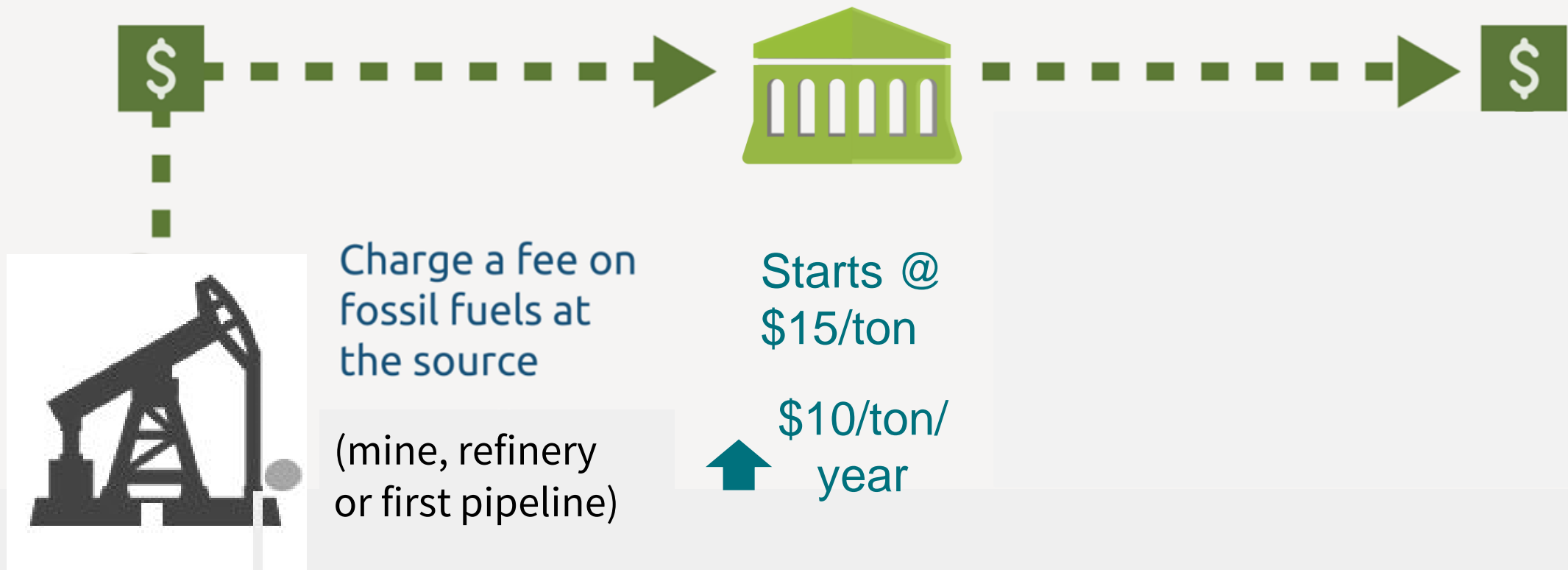
H.R. 763

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|  |  | | | | | | | | |
| David Trone (D-MD-06) | Matt Cartwright (D-PA-08) | | | | | | | | |

Carbon Fee...

**Effective, incentive to innovate, economy-wide,
fair, lowers pollution and improves health**



Energy Innovation AND Carbon Dividend Act

Why can this bill pass Congress?



Effective



Creates Jobs



Good for People



Bipartisan



Revenue Neutral

Energy Innovation AND Carbon Dividend Act

- This policy will reduce America's emissions by at least 40% within 12 years.
- National Academy of Sciences evaluates whether targets are met, and if not, the fee rises an additional \$5/ton the following year.

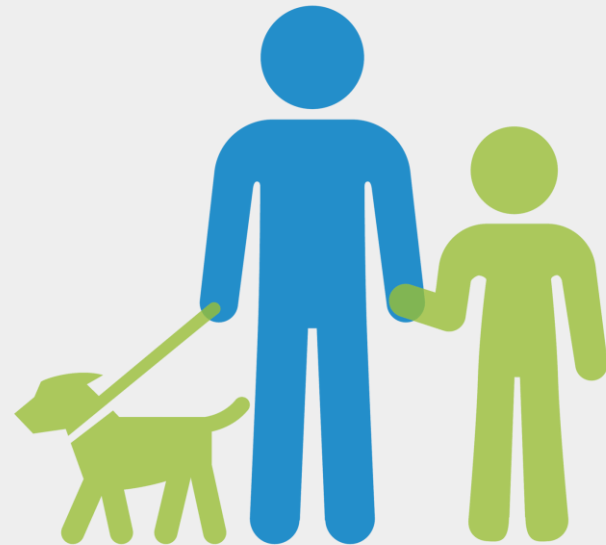
Effective



Energy Innovation AND Carbon Dividend Act

Good for People

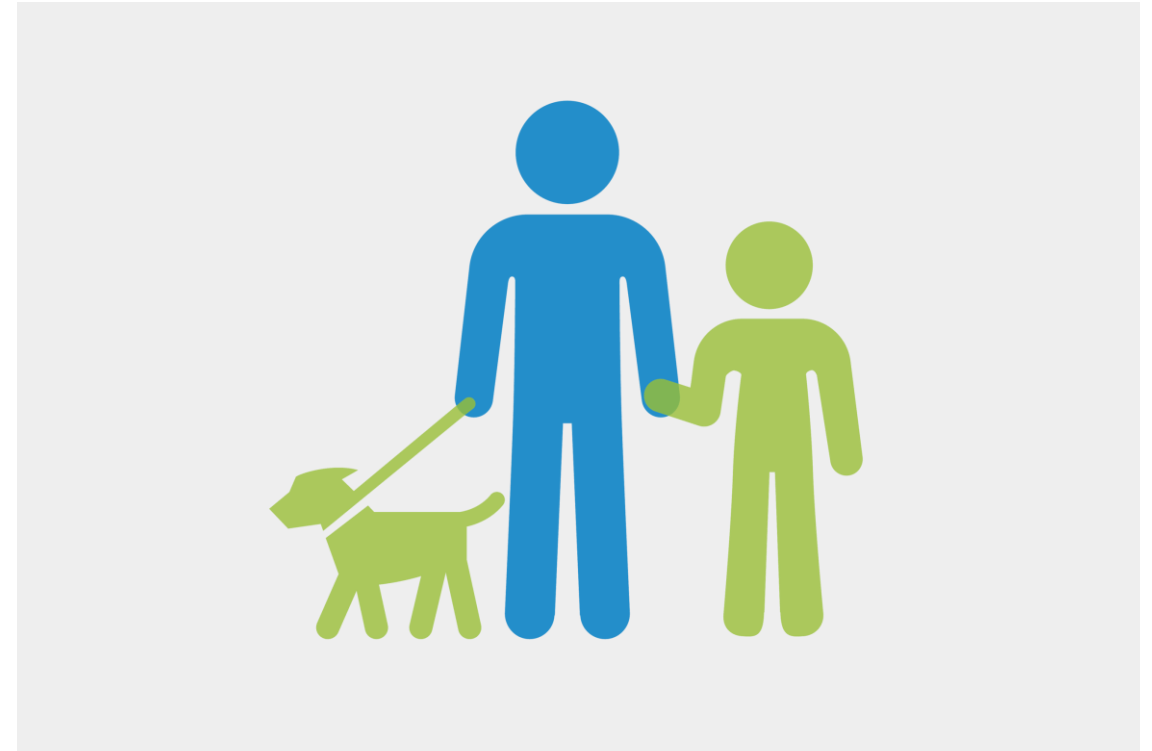
This policy will improve health and save lives by reducing pollution that Americans breathe.



Energy Innovation AND Carbon Dividend Act

Good for People

- Fair. The carbon dividend puts money into people's pockets every month to spend as they see fit, helping low and middle income Americans.



Energy Innovation AND Carbon Dividend Act

Border Carbon Adjustment

Imported goods will pay a border carbon adjustment, and goods exported from the United States will receive a refund.



**Protects
American Jobs**



**Global view for a
Global Problem**

Energy Innovation AND Carbon Dividend Act

Good for the Economy: Creates Jobs

This policy will create 2.1 million additional jobs over the next 10 years as the dividend helps families across America thereby stimulating the clean energy economy.

Regional Economic Models, Inc 2014



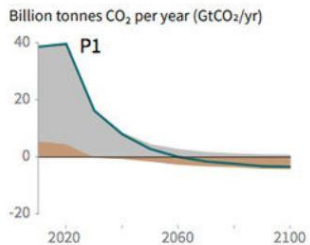
Energy Innovation AND Carbon Dividend Act

Revenue Neutral

- The fees collected on carbon emissions will be allocated to all Americans to spend how they choose.
- The government will not keep any of the fees collected, so the size of the government will not grow.



Bipartisan Appeal



- **Agricultural operations exempt from carbon fee on diesel and gas fuel**
- **Refund for safe and permanent Carbon Capture and Sequestration**
- **Exported fossil fuels subject to carbon fee refund**
- **Act phases out when emissions are reduced by 90% (below 2015 levels)**

Energy Innovation AND Carbon Dividend Act

Bipartisan Support

- Republicans and Democrats are both on board, cosponsoring together.
- The majority of Americans support Congress taking action on climate change.
- Solving climate change is too urgent to get caught up in partisan politics.



Grasstops Outreach...

SUPPORTERS

BRIDGER  BOWL



Lowell Bailey
Four-time Olympian

Montana Ski Area Association



See the entire list at [Energy Innovation Act.org/supporters](https://EnergyInnovationAct.org/supporters)

Thank You!

John Hoffland

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Chapter: Helena Citizens Climate Lobby



Citizens' Climate Lobby

www.citizensclimatelobby.org

Lobbying...

lobby in support of EICD Act

building friendly relationships with our federally elected representatives



Get More Information

- **CCL Info Session**

Hosted live weekly on
Wednesdays at 8 pm ET:

cclusa.org/intro

- More about the

Energy Innovation Act:

energyinnovationact.org



“

I used to think that the important people were taking care of the important problems.

No. Preserving a livable world is up to us little people.

What we do and do not do really counts.

Marshall Saunders, CCL Founder



Dividend vs. Direct Energy Costs Yr 1



Dividend: 1 Adult/2 kids \$528/yr vs \$259/yr costs



Electric Costs: Add 0.34% The average MT bill is \$87/mo., so add \$3/mo. or \$36/year



Gas Costs: Add 16 cents a gallon 14,500 miles/yr at 15 mpg = \$155/yr. 12,000 miles @ 30 mpg = \$64/yr



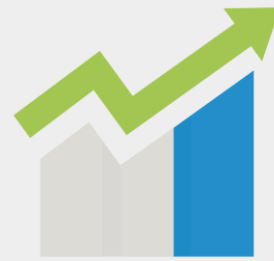
Natural gas: 83 cents/therm x 63 Therms = \$52/mo
Add 9 cents/therm = \$5.67/mo. or \$68/yr

Energy Innovation AND Carbon Dividend Act

Limited Regulatory Adjustment

Prevents additional regulations on CO₂ emissions as long as emission targets are being met.

Regulations based on other pollutants, auto mileage standards, water quality, and more won't be affected.



**Regulatory
Certainty**



**Balanced
Approach**